IN THE CLAIMS

1. A method for extracting one or more of starch, oil, and protein from grain, comprising:

Providing kernels or seeds comprising a germ and pericarp comprising protein, oil, and starch;

Steeping the kernels or seeds in a steeping reactor for a time effective to soften the kernels and seeds;

Milling the steeped corn kernels to separate the germ from the starch/pericarp forming a germ stream and a starch/pericarp stream; Subjecting the germ to rapid pressurization/depressurization in order to extract oil and protein from the germ; and Separating the starch from the pericarp.

- 2. A system for extracting one or more of starch, oil, and protein from grain, comprising:
 - a steeping reactor effective for loosening a germ component from grain;
 A mill effective for separating the germ component from the grain
 without fracturing the germ; and

A steam explosion device for subjecting the germ to pressurization/depressurization to extract oil and protein from the germ.

- 3. The system of claim 2, further comprising a cyclone reactor for extracting the germ.
- 4. A method for extracting protein, fiber, oil and starch from a mixture of grains, comprising:

Providing a first grain comprising a germ portion;

Steeping the first grain in a steeping reactor to make first grain steeped particles;

Providing a second grain comprising starch;

Milling the first steeped grain particles to separate the germ and to form starch-containing particles;

Milling the second grain without steeping;

second grain.

Extracting the germ from the first grain steeped particles and the second grain steeped particles in a cyclone reactor; and Blending the starch-containing particles from the first grain and the

- 5. The method of claim 13, further comprising separating fiber from the grain particles in the mixture.
- 6. The method of claim 13, further comprising separating protein from the grain particles in the mixture.
- 7. The method of claim 4, further comprising separating starch from the grain particles in the mixture.